Claims

1. An integrated electronic module structure for vehicles constructed using one connector for each wire harness, the structure comprising:

a first printed circuit board (PCB) having fuses and relay circuits mounted thereon;

a second PCB having input/output (I/O) terminals; and

a PCB connecting unit for electrically connecting the first and second PCBs.

2. The integrated electronic module structure as claimed in claim 1, wherein the connector comprises a multi-pole connector, and

a circuit connected between the first PCB and the I/O terminals of the second PCB, and a circuit connected between the second PCB and I/O connectors of the second PCB are integrated in one multi-pole connector, and thus the first PCB and the second PCB can be constructed using one multi-pole connector for each wire harness.

3. The integrated electronic module structure, as claimed in claim 1 or 2, wherein the first PCB is a junction box for vehicles.

4. The integrated electronic module structure, as claimed in claim 1 or 2, wherein the second PCB is an electronic control module for vehicles.

5. The integrated electronic module structure as claimed in claim 1 or 2, wherein the PCB connecting unit is composed of connecting pins.

6. The integrated electronic module structure as claimed in claim 5, wherein the connecting pins are directly inserted into the first PCB and into a part corresponding to the I/O terminals of the second PCB, then soldered, and external injection molded parts are formed to have connectors that constitute a pair of male and female connectors together with the multi-pole connectors of the wire harnesses.